Whether the tide in the area affected by the release is diurnal (i.e., completes one full cycle every day) or semi-diurnal (i.e., completes two full cycles every day).

Modifications to the NRDAM/CME Databases (if Any)

Documentation of the source of the modification; and

For air temperature:

Air temperature, stated in degrees Celsius, assigned by the NRDAM/CME at the point that the identified substance entered a coastal or marine environment (see Table III.3.2, Volume III of the NRDAM/CME technical document); and

Substitute air temperature stated in degrees Celsius.

For water temperature at the surface:

Water temperature at the surface, stated in degrees Celsius, assigned by the NRDAM/CME at the point that the identified substance entered a coastal or marine environment (see Table III.3.3, Volume III of the NRDAM/CME technical document); and

Substitute water temperature stated in degrees Celsius.

For total suspended sediment concentration:

Total suspended sediment concentration, stated in milligrams per liter, assigned by the NRDAM/CME at the point that the identified substance entered a coastal or marine environment (see Section 3, Volume I of the NRDAM/CME technical document); and

Substitute suspended sediment concentration stated in milligrams per liter.

For mean settling velocity of suspended solids:

Mean settling velocity of suspended sediments, stated in meters per day, assigned by the NRDAM/CME at the point that the identified substance entered a coastal or marine environment (see Section 3, Volume I of the NRDAM/CME technical document); and

Substitute suspended sediment concentration stated in milligrams per liter.

For habitat type:

Latitude and longitude bounds of area for which the habitat type is being modified;

Habitat type assigned by the NRDAM/CME (see Section 3.4, Volume III of the NRDAM/CME technical document); and

Substitute habitat type.

For releases in Alaska, if the authorized official leaves the ice modeling function off, he or she must provide documentation that ice was absent at the site of the release.

Definitions

Background (mean) current—net long-term current flow (i.e., one direction only), attributable to forces such as winds, river flow, water density, and tides, that remains when all the oscillatory (tidal) components have been removed either mathematically or by measurement techniques.

Landward open water—a body of water that does not contain vegetation (e.g., wetland, seagrass, or kelp) or invertebrate reef (e.g., coral reef) and is classified as ''landward'' in Table 6.2, Volume I of the NRDAM/CME technical document.

Province—one of the geographic areas delineated in Table 6.1, Volume I of the NRDAM/CME technical document.

Seaward open water—a body of water that does not contain vegetation (e.g., wetlands, seagrass, or kelp) or invertebrate reef (e.g., coral reef) and is classified as ''seaward'' in Table 6.2, Volume I of the NRDAM/CME technical document.

Structured—in an area that contains vegetation (e.g., wetlands, seagrass, or kelp) or invertebrate reef (e.g., coral reef).

Tidal current—currents caused by alternating rise and fall of the sea level due to the gravitational forces between the earth, moon, and sun.

Tidal range—difference between the highest and lowest height of the tide.

[61 FR 20612, May 7, 1996]

APPENDIX III TO PART 11—FORMAT FOR DATA INPUTS AND MODIFICATIONS TO THE NRDAM/GLE

This appendix specifies the format for data inputs and modifications to the NRDAM/GLE under §11.41. Consult the back of this appendix for definitions.

Point of Analysis

The NRDAM/GLE begins its calculations at the point that the released substance entered water in an area represented by its geographic database. Any water within the geographic boundaries of the NRDAM/GLE is a ''Great Lakes environment.'' The authorized official must determine all data inputs and modifications as of the time and location that the released substance entered a Great Lakes environment. In the case of a release that began in water in an area within the boundaries of the NRDAM/GLE, this point will be the same as the point of the release. However, for releases that begin on land or that begin outside the boundaries of the NRDAM/GLE, this point will not be the point of the release but rather the point at which the released substance migrates into a Great Lakes environment.

Required Data Inputs

Documentation of source of data inputs; and

Identity of Substance

For release of single substance:

Name of the released substance that entered a Great Lakes environment as it appears in Table 7.1, Volume I of the NRDAM/GLE technical document (incorporated by reference, see § 11.18).

For releases of two or more substances or a release of a mixture of two or more substances:

Name of only one of the released substances that entered a Great Lakes environment as it appears in Table 7.1, Volume I of the NRDAM/GLE technical document.

Mass or Volume

For releases of single substance:

Mass or volume of identified substance that entered a Great Lakes environment stated in tonnes, barrels, gallons, liters, pounds, or kilograms.

For releases of two or more substances or a release of a mixture of two or more substances:

Mass or volume of the one identified substance (rather than total mass) that entered a Great Lakes environment stated in tonnes, barrels, gallons, liters, pounds, or kilograms.

Duration

Length of time over which the identified substance entered a Great Lakes environment stated in hours.

Time

Year, month, day, and hour when the identified substance first entered a Great Lakes environment.

Location

Latitude and longitude, stated in degrees and decimal minutes, where the identified substance entered a Great Lakes environment.

Winds

At least one set of data on prevailing wind conditions for each day of the 30-day period beginning 24 hours before the identified substance entered a Great Lakes environment. Each set must include:

Wind velocity stated in knots or meters per second; and Corresponding wind direction stated in the degree angle of the wind's origin.

[One possible source of information is the National Climatic Data Center, Asheville, NC (703) 271–4800.]

Response Actions

Percentage of identified substance removed from water surface, bottom sediments, and shoreline; and

For each medium cleaned (water surface, bottom sediments, or shoreline), the number of days after the identified substance entered a Great Lakes environment that removal began and ended.

Closures

Documentation that the closure was ordered by an appropriate agency as a result of the release; and

For boating areas:

Number of weekend days of closure stated by calendar month;

Number of weekday days of closure stated by calendar month; and

Area closed stated in square kilometers.

For beaches:

Whether the beach was Federal or State (including municipal or county);

Number of days of closure stated by calendar month; and

Length of shoreline closed stated in meters.

For fisheries:

Whether area closed was an offshore, nearshore, or wetland fishery;

Number of days of closure; and

Area closed stated in square kilometers.

For furbearer hunting or trapping areas and waterfowl hunting areas:

Number of days of closure; and

Area closed stated in square kilometers.

Implicit Price Deflator

Quarterly implicit price deflator for the Gross National Product (base year 1992) for the quarter in which the identified substance entered a Great Lakes environment. [See the Survey of Current Business, published by the U.S. Department of Commerce/Bureau of Economic Analysis, 1441 L Street, NW, Washington, D.C., 20230, (202) 606–9900.]

MODIFICATIONS TO THE NRDAM/GLE DATABASES (IF ANY)

Documentation of the source of the modifications; and

For air temperature:

Air temperature, stated in degrees Celsius, assigned by the NRDAM/GLE at the point that the identified substance entered a Great Lakes environment (see Table III.6.1, Volume III of the NRDAM/GLE technical document); and

Substitute air temperature stated in degrees Celsius.

For water temperature at the surface:

Water temperature at the surface, stated in degrees Celsius, assigned by the NRDAM/GLE at the point that the identified substance entered a Great Lakes environment (see Table III.6.2.6, Volume III of the NRDAM/GLE technical document); and

Substitute water temperature stated in degrees Celsius.

For total suspended sediment concentration:

Total suspended sediment concentration, stated in milligrams per liter, assigned by

the NRDAM/GLE at the point that the identified substance entered a Great Lakes environment (see Section 3, Volume I of the NRDAM/GLE technical document); and

Substitute suspended sediment concentration stated in milligrams per liter.

For mean settling velocity of suspended solids:

Mean settling velocity of suspended sediments, stated in meters per day, assigned by the NRDAM/GLE at the point that the identified substance entered a Great Lakes environment (see Section 3, Volume I of the NRDAM/GLE technical document); and

Substitute suspended sediment concentration stated in milligrams per liter.

For habitat type:

Latitude and longitude bounds of area for which the habitat type is being modified;

Habitat type assigned by the NRDAM/GLE (see Section 6.2, Volume III of the NRDAM/GLE technical document); and

Substitute habitat type.

If the authorized official turns off the ice modeling function, then he or she must provide documentation that ice was absent from the site of the release.

Definitions

Nearshore fishery—fishery in an open water area that is less than 30 feet in depth or is in a connecting channel.

Offshore fishery—fishery in an open water area that is 30 feet or more in depth.

Wetland fishery—fishery that is not in an open water area.

[61 FR 20614, May 7, 1996]

PART 12—ADMINISTRATIVE AND AUDIT REQUIREMENTS AND COST PRINCIPLES FOR ASSISTANCE PROGRAMS

Subpart A—Administrative and Audit Requirements and Cost Principles for Assistance Programs

Sec.

Subpart B [Reserved]

Subpart C—Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments

GENERAL

PRE-AWARD REQUIREMENTS

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Financial Administration

CHANGES, PROPERTY, AND SUBAWARDS

REPORTS, RECORDS, RETENTION, AND ENFORCEMENT

AFTER-THE-GRANT REQUIREMENTS

ENTITLEMENTS [RESERVED]

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